

**Table C-47. Federal obligations for applied research in engineering, by agency  
and detailed field of engineering: fiscal year 2001**

[Dollars in thousands]

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Agency and subdivision	Total	Aero- nautical	Astro- nautical	Chemical	Civil	Elec- trical	Mechan- ical	Metallurgy and materials	Engi- neering, n.e.c.
Total, all agencies .....	6,285,469	2,060,348	718,870	138,877	240,529	642,777	190,444	489,737	1,803,887
Departments:									
Department of Agriculture, total .....	44,139	0	0	2,801	3,303	333	2,221	0	35,481
Agricultural Research Service .....	3,221	0	0	1,611	501	286	358	0	465
Cooperative State Research, Education, & Extension Service .....	22,074	0	0	0	0	0	0	0	22,074
Forest Service .....	18,844	0	0	1,190	2,802	47	1,863	0	12,942
Department of Commerce, total .....	151,094	0	0	4,386	18,435	52,962	4,965	37,907	32,439
Nat'l Inst of Standards & Tech .....	139,812	0	0	4,386	18,435	41,843	4,965	37,907	32,276
National Oceanic & Atmospheric Administration .....	7,105	0	0	0	0	6,942	0	0	163
National Telecommunications & Information Administration .....	4,177	0	0	0	0	4,177	0	0	0
Department of Defense, total .....	2,855,817	899,768	117,078	22,131	62,075	528,063	151,757	355,452	719,493
Defense Agencies, total .....	771,803	111,174	0	1,597	1,809	125,233	1,203	141,059	389,728
Ballistic Missile Defense Org .....	63,871	9,232	0	630	0	13,267	225	429	40,088
Defense Adv Rsch Projects Agcy ..	480,841	101,942	0	0	0	75,764	0	140,630	162,505
Defense Threat Reduction Agency .....	167,903	0	0	0	842	24,230	0	0	142,831
Special Operations Command .....	15,785	0	0	0	0	0	0	0	15,785
Washington Headquarters Svcs .....	43,403	0	0	967	967	11,972	978	0	28,519
Department of the Air Force .....	1,217,092	707,826	110,176	6,842	24,490	185,384	48,212	131,890	2,272
Department of the Army .....	402,319	50,474	58	13,692	35,776	91,953	74,343	37,899	98,124
Department of the Navy .....	464,603	30,294	6,844	0	0	125,493	27,999	44,604	229,369
Department of Education .....	17,076	0	0	0	0	0	0	0	17,076
Department of Energy .....	935,396	772	0	91,452	45,753	30,339	342	68,642	698,096
Dept of Health & Human Svcs, total .....	46,338	0	0	0	0	0	0	20,077	26,261
National Institutes of Health .....	46,338	0	0	0	0	0	0	20,077	26,261
Dept of Housing & Urban Development .....	3,293	0	0	0	0	0	0	0	3,293
Department of the Interior, total .....	11,499	0	0	2,682	6,950	764	0	506	597
Bureau of Reclamation .....	5,194	0	0	1,712	2,648	460	0	374	0
Geological Survey .....	1,807	0	0	0	1,503	304	0	0	0
Minerals Management Service .....	4,498	0	0	970	2,799	0	0	132	597
Dept of Transportation, total .....	181,795	0	0	0	82,898	1,494	18,708	694	78,001
Coast Guard .....	3,179	0	0	0	331	1,492	662	694	0
Federal Aviation Administration .....	61,383	0	0	0	58,054	0	3,329	0	0
Federal Highway Administration .....	50,649	0	0	0	24,513	2	13	0	26,121
Federal Railroad Administration .....	23,825	0	0	0	0	0	0	0	23,825
National Highway Traffic Safety Administration .....	40,482	0	0	0	0	0	14,704	0	25,778
Rsch & Special Programs Admin .....	2,277	0	0	0	0	0	0	0	2,277

See explanatory information, if any, and SOURCE at end of table.

**Table C-47. Federal obligations for applied research in engineering, by agency and detailed field of engineering: fiscal year 2001**

[Dollars in thousands]

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Agency and subdivision	Total	Aero- nautical	Astro- nautical	Chemical	Civil	Elec- trical	Mechan- ical	Metallurgy and materials	Engi- neering, n.e.c.
Department of the Treasury, total .....	110	0	0	110	0	0	0	0	0
United States Customs Service .....	110	0	0	110	0	0	0	0	0
Department of Veterans Affairs .....	16,837	0	0	0	0	0	0	0	16,837
Other agencies:									
Broadcasting Board of Governors .....	5	0	0	0	0	0	0	0	5
Consumer Product Safety									
Commission .....	144	0	0	0	0	0	0	0	144
Environmental Protection Agency .....	30,314	0	0	5,670	13,359	326	802	687	9,470
Federal Communications Commission ..	458	0	0	0	0	458	0	0	0
National Aeronautics & Space									
Administration .....	1,830,058	1,159,808	601,792	501	32	16,035	10,720	3,739	37,431
National Science Foundation .....	108,096	0	0	9,144	7,724	12,003	929	2,033	76,263
Nuclear Regulatory Commission .....	53,000	0	0	0	0	0	0	0	53,000

**KEY:** n.e.c. = Not elsewhere classified

**NOTE:** Data for only those agencies and subdivisions that had obligations in the variables represented by this table appear in the table. For additional notes associated with the agencies listed in this table, refer to appendix B.

**SOURCE:** National Science Foundation/Division of Science Resources Statistics, Survey of Federal Funds for Research and Development: Fiscal Years 2001, 2002, and 2003